

NEUWIRTOVA, R.; CHYTIL, M.; VALSK, A.; DAUM, S.; VALACH, V.

3 cases of arsine poisoning with amuria treated by the artificial kidney. Pracovni. lek. 12 no.3:144-152 Ap '60.

1. II. interni klinika Karlovy university v Praze, prednosta
prof. dr. Fr. Herles; Hlavni I. patologickoanatomicky ustav
Karlovy university v Praze, prednosta doc. dr. B. Bednar.
(ARSENICALS toxicol.)
(ANURIA etiol.)
(KIDNEY ARTIFICIAL)

BEDNAR, B.; JIRASEK, A.; STEJSKAL, J.; CHYTIL, M.

Secondary uremic oxalosis. Cas.lek.cesk 100 no.23:705-708 9 Je '61.

I. Hlavuv I. patologickoanatomicky ustav, prednosta prof. Dr. Sc.
MUDr. B. Bednar, II. interni klinika, prednosta prof. Dr. Sc.
MUDr. F. Herles, fakulty vseobecneho lekarstvi Karlovy university
v Praze.

(OXALATES) (UREMIA compl)

CHYTIL, M.; CHYTILOVA-HAVELKOVA, D.

Changes of protein metabolism in acute renal failure. Acta univ. carol. [med.] Suppl. 14:137-139 '61.

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. Fr. Herles Ustav pro doskolovani lekaru v Praze, reditel prof. dr. R. Knobloch.
(PROTEINS metab) (ACUTE RENAL FAILURE metab)

BLEKTA, M.; MACKU, Fr.; BENDL, J.; PESKOVA, V.; CHYTIL, M.; OPPLT, J.;
BERGMANNNOVA, E.; VAKOCOVA, H.

Protein metabolism disorders in late gestosis. Acta univ. carol.
[med.] Suppl. 14:141-161 '61.

1. II. porodnicko-gynekologicka klinika fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. J. Lukas II. interni
klinika fakulty vseobecneho lekarstvi University Karlovy v Praze,
prednosta prof. dr. F. Herles Biochemicke oddeleni fakultni nemocnice
v Praze, prednosta prim. dr. J. Opplt.
(PREGNANCY TOXEMIAS blood) (BLOOD PROTEINS in pregnancy)

BLEKTA, M., CSc.; BENDL, J.; MACKU, F.; MISINGER, I.; PESKOVA, V.; OPPLT, J.;
CHYTIL, M.

The health status of women in late gestosis (Contribution to the study of hypertension). Cesk. gynek. 27 no.1/2:109-113 Mr '62.

1. II por. gyn. klin. KU v Praze, prednosta prof. MUDr. J. Lukas,
DrSc. Biochemicke oddeleni fak. nemocnice v Praze 10 II int. klin.
KU v Praze, prednosta prof. MUDr. F. Herles.

(PREGNANCY TOXEMIAS statist)
(HYPERTENSION in pregnancy)

BLEKTA, M., CSc.; MACNU, Fr.; BENDL, J.; ANDRASOVA, V.; MISINGER, J.;
CHYTL, M.; OPPLT, J.; VAKOCOVA, H.

Residual hypertension and proteinuria in late toxemias. Cesk. gyn. 27
[41] no.6/7:270-275 Ag '62.

1. II. gyn.-por. klin. fak. vseob. lek. KU v Praze, prednosta prof.
dr. J. Lukas, DrSc. II. int. klin. fak. vseob. lek. KU v Praze, prednosta
prof. dr. Fr. Herles Biochem. odd. fak. nemocnice v Praze 10,
prednosta dr. J. Opplt.

(PREGNANCY TOXEMIAS) (PROTEINURIA)
(HYPERTENSION) (KIDNEY DISEASES)

DVORAKOVA, Hana; VALEK, Albert; CHYTIL, Mirko

Acute renal insufficiency following incompatible blood transfusion.
Gas. lek. cesk. 101 no.38:1140-1146 21 S '62.

1. II interni klinika fakulty vseobecneho lekarstvi KU v Praze,
prednosta prof. dr. F. Herles.
(BLOOD GROUP INCOMPATIBILITY) (BLOOD TRANSFUSION)
(ACUTE RENAL FAILURE)

ANDRYSEK, O.; ANDRYSKOVA, J.; BENDL, J.; BLEKTA, M.; HRADCOVA, L.; CHYTIL, M.;
ORT, M.; RASKA, B.; VALNICEK, J.

Isotope examination methods of the uropoietic system in pediatrics
and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44
'64.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. gyneko-
logicko-porodnicka klinika fakulty vseobecneho lekarstvi Univer-
sity Karlovy v Praze (prednosta: prof. dr. J. Lukas); III. interni
klinika fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: prof. dr. F. Herles); IV. detska klinika fakulty
vseobecneho lekarstvi University Karlovy v Praze (prednosta:
prof. dr. F. Herles); V. detska klinika fakulty vseobecneho
lekarstvi University Karlovy v Praze (prednosta: prof. dr.
F. Blazek) a I. detska klinika fakulty pediatricke University
Karlovy v Praze (prednosta: prof. dr. J. Svejcar).

BEDNAR, B.; CHYTIL, M.; NOVOTNY, P.; STEJSKAL, J.

Acute enterotoxemic nephrosis. Cas. lek. cesk. 103 no.18:
486-489 3 My'64

I. Hlavu I. patologiokoanatomicky ustav fakulty vseobec-
neho lekarstvi KU [Karlovy university] v Praze (prednosta:
prof. dr. B. Bednar, DrSc.); II. interni klinika fakulty vseobec-
neho lekarstvi KU [Karlovy university] v Praze (prednosta: prof.
dr. F. Herles, DrSc.) a Mikrobiologicky ustav fakulty vseobecne-
ho lekarstvi KU [Karlovy university] v Praze (prednosta: prof.
dr. F. Patocka, DrSc.)

BLEKTA, M.; BAKOS, K.; HLAVATY, V.; ANDRYSEK, O.; TRNKOVA, M.; BENDL, J.;
VALNICEK, S.; CHYTIL, M.; BENDOVA, L.

Isotope examination methods in obstetrics. Isotope nephro-
graphy, measurement of the blood volume with I-131, serum
albumin level test with the use of erythrocytes labeled
with Cr-51. Cesk. gynek. 30 no.1:122-127 Mr'65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II.interni
klinika fakulty vseobecneho lekasrtvi Karlovy University
v Praze; Statni ustav pro kontrolu leciv v Praze.

HLAVATY, V.; BLEKTA, M.; CHYTIL, M.; BENDL, J.; VALNICEK, J.; BENDOVA, L.

Changes in the blood volume during pregnancy and in late gestoses investigated with the aid of I-131 HSA and Cr51 labeled erythrocytes. Sborn. lek. 67 no.8/9:240-247 Ag '65.

I. Biofyzikalni ustav (prednosta doc. dr. Z. Dienstbier, DrSc),
II. gynekologicko-prord. klinika (prednosta prof. dr. J. Lukas, DrSc.) a II. interni klinika (prednosta prof. dr. F. Herles, DrSc.) fakulty vseobecneho lekarstvi University Karlovy v Praze.

BLETKA, M., Praha 2, Apolinarska 18; BENDL, J.; VALNICEK, S.; CHYTIL, M.

Hypertension in pregnancy. Cesk. gynek. 30 no.9:648-653 N '65.

I. II. gyn.-por. klin. (prednosta prof. dr. J. Lukas, DrSc.) a
II. inter. klin. (prednosta prof. dr. F. Herles, DrSc.) fakulty
vseobecneho lekarstvi Karlovy University v Praze.

BAKOS, K.; ANDRYSEK, O.; ANDRYSKOVA, J.; BLEKTA, M.; BENDL, J.;
VALNICEK, S.; CHYTIL, M.

Isotope nephrography in pregnancy and in late toxemia.
Cas. lek. cesk. 104 no.27/28:745-748 9 J1 '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta doc. dr. Z. Dienstbier, DrSc.),
II. porod.-gynekol. klinika fakulty vseobecneho lekarstvi
Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.)
a II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. F. Herles, DrSc.).

HLAVATY, V.; BLEKTA, M.; TRNKOVA, M.; CHYTIL, M.; BENDL, J.; VALNICEK, J.;
BENDOVA, L.

Some new information on changes in the volume of circulatory plasma and blood proteins during physiological pregnancy and late gestation. Cas. lek. Cesk. 104 no.51:1405 17 D '65.

I. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. Z. Dienstbier, DrSc.),
II. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.), Statni ustav pro kontrolu leciv v Praze a
II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Herles, DrSc.).

CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, L., BLEKTA, M., BENDL, J., VALNICEK, S.,
TRNKOVA, M., ~~CHYTIL, M.~~ Biophysical Institute, Faculty of General
Medicine, Charles University, 2nd. Gynecological Clinic, Faculty
of General Medicine, Charles University; State Institute for Drug
Control: 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles
University (Biofyzikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko-
Gynekologicka Klinika Fak. Vseob. Lek KU; Statni Ustav pro
Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU), Prague.

"Changes in the Total Amounts of Serum Proteins and Their Fractions
During Physiological Pregnancy and Late Gestation."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 94

Abstract: During normal pregnancy the concentration of blood
proteins and albumin decreases, concentration of globulin and the
total amount of serum protein increase; the amount of albumin
reaches a peak in the 2nd trimester and reverts to pre-pregnancy
levels. In late gestation the decrease in proteins and albumins
is greater; globulins do not increase. No references. Submitted
at "16 Days of Physiology" at Kosice, 27 Sep 65.

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CHYTIL, M.

Z/039/60/021/01/030/040
E073/E135

AUTHOR: Miroslav Chytil (Engineer)

TITLE: First All-Czechoslovak Conference on Using Semiconductors
in Electrical Engineering

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, p 61

ABSTRACT: This conference was held in Prague on October 16-17, 1959. It was convened by CKD Prague with the cooperation of the Czechoslovak Scientific-Technical Society and the Society for Propagation of Political and Scientific Knowledge. The aim of the conference was to acquaint the public with results achieved in the field of high-power semiconductors and to provide information on the present state of development and manufacture of semiconductor elements and complete rectifier equipment. There were 540 participants from various branches of industry, transportation establishments, research institutes and teaching establishments. The main paper was read by Engineer Kubát, Candidate of Technical Sciences, Head of the Semiconductor Plant of CKD. He reviewed the present state of development and manufacture of semiconductors for power applications in

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First All-Czechoslovak Conference on Using Semiconductors in
Electrical Engineering

Czechoslovakia and abroad, and compared the standard achieved in Czechoslovakia with that achieved in other countries. At present ČKD Prague is manufacturing germanium rectifying elements with 100 A and 200 A ratings and inverse voltages of 300 and 400 V, and also rectifying units working with such elements. Silicon rectifying elements for 150 A and 1000 V inverse voltage are at present manufactured on a semi-industrial scale; it is claimed that these are as good as any produced by, for instance, Westinghouse or Siemens.

Doctor Engineer Kramář (SVUSE) gave a technical and economic analysis of the development of high power rectifiers and compared individual types of rectifiers as regards efficiency, reliability and possibilities of application. Engineer Košler (ČKD Stalingrad) dealt with the technology of manufacture of semiconductor rectifiers, particularly with the requirements of materials of very high purity, and other problems relating to manufacturing technology. Engineer Malý (ČKD Stalingrad) dealt with the characteristics of

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First All-Czechoslovak Conference on Using Semiconductors in
Electrical Engineering

semiconductor high power rectifiers and with various connections of such rectifier elements into rectifier circuits. Engineer Lstibůrek (ČKD Stalingrad) gave information on rectifier units manufactured by ČKD Prague. Professor Jansa (Higher Transportation College) dealt with the suitability of special designs for rectifier stations of mine railways and tramways. The conference was followed by an excursion to ČKD Prague, Stalingrad plant, where the participants visited the development laboratories and the manufacturing shops.

Card
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CHYTIL S.

Chytil S. - Otolaryngol. (klin. VLA v Hradec Kralove)
Chytil S. - Otolaryngol. (klin. VLA v Hradec Kralove) Herpes zoster pharyngis
et oticus (Czech text) Csl. Otolaryngol., Praha 1952, 1/2 (62-69) Graphs 1

The patient was a male aged 36 yr. and the disease ran an unusual course. It appeared first in the throat and only after several days were there typical signs of herpes zoster of the ear with irritation of the 5th nerve and marked paralysis of the 6th. After treatment with aureomycin (total dosage 4.5 g.), vit. B1, hypotonic solutions and galvanization, the lesions of the cranial nerves cleared up while the patient was still in hospital. Non-irritability of the left vestibular apparatus and diminished perception for high tones on the same side remained permanently. After discharge from hospital, signs of acoustic hyperaesthesia developed and dizziness increased. After 2 months, treatment with pilocarpine was given and the condition improved. At the last examination after 7 months the patient's only complaint was slight unsteadiness in walking. Seeman - Prague (XI, 6,7,8,13)

SO: Excerpta Medica, Vol. 7, No. 2, Section VIII - February 1954

CHYTIL, S.

CHERNÝ, Ervin, MUDr; CHYTIL, Svat., MUDr; NEJEDLO, V., MUDr; VLCKOVA, Z.,
MUDr

Hearing gains following atticoantrotomy. Cesk. otolar. 3 no.3:128-
137 Aug 54.

1. Zotolaryngologické kliniky VLA v Hradci Kralove
(HEARING DISORDERS, surgery
atticoantrotomy, evaluation of results)

CHYTIL, Svatopluk. (Hradec Kralove II, Bagrova ul. 1157)

Pathogenesis of lateral fistulae of the neck. Cesk. otolar. 7 no.6:
359-364 Dec 58.

1. Otolaryngologicka klinika VIA J. Ev. Purkyne v Hradci Kralove, predn.
prof. MUDr. Jan Hygasek.

(NECK, fistula,

lateral, pathogen. (Cz))

CHYTIL, S.

"Mechanical filters applied in a sound exciter of projectors and their solution by means of electric analogy." (To be contd.)

p. 3 (Jemna Mechanika A Optika) Vol. 3, no. 1, Jan. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CZECHOSLOVAKIA/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14060

Author : Chytil, S.

Inst : -

Title : On the Problem of Measuring the Light Flux of Projection Instruments.

Orig Pub : Jernna mech. A opt., 1958, 3, No 5, 158-159, 172

Abstract : The author verifies the correctness of the empirical formulas that are used to calculate the light flux produced by projection instruments, and the conditions that are satisfied when measuring the illumination of projection screens are investigated.

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CHYTIL, S., inz.

Determining the exposure and gradation of the photographic paper in enlarging pictures. Jemna.mech opt 5 no.5:150-153 My '60.

1. Ustav pro vyzkum techniky a jemne mechaniky, Prerov.

CHYTIL, S., inz.

Automatic regulation of the exposure time. Jemna mech opt 6 no.11:
346-349 N '61.

CHYTIL, S., inz.

Eight millimeter film and sound. Jemna mech opt 8 no.11:
341-345 N'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

L 18525-66 EWT(m)/ETC(f)/EPF(n)-2/EWG(m) WW

ACC NR: AP6010225

SOURCE CODE: CZ/0038/65/000/004/0143/0143

AUTHOR: Chamrad, Bretislav; Chytil, Zdenek

ORG: Institute of Nuclear Research, CSAV, Rez (Ustav jaderného výzkumu CSAV)

TITLE: Project of the zero power heavy water reactor TR-0. 2. Fuel element assembly support

SOURCE: Jaderna energie, no. 4, 1965, 143

TOPIC TAGS: heavy water, nuclear reactor, reactor fuel element, remote control system, servomotor .

ABSTRACT: INR Report No. 1153/64, Patent No. 114,428, published in Jaderna Energie only as Czech and English summaries (modified): The report consists of the design and principal calculations for the fuel element assembly support of the zero power heavy water reactor TR-0 to be built at the INR. The proposed facility will permit carrying out automatically a continuous fuel lattice spacing in the range of 180 to 300 mm by remote control and from 300 mm up with high accuracy by manual setting. It consists of 18

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L 18525-66
ACC NR: AP6010225

movable beams driven by a special mechanism and a corresponding number of trucks which are moved on the beams in a similar manner. Both moving systems are driven by electric servomotors by means of a gear. [JPRS]

SUB CODE: 18, 09 / SUBM DATE: none

Card 2/2 UDC: 621.039.5TR-0; 621.039.5(437); 621.039.524.46; 621.039.519.4

Chytilék, J.

✓ 935. A contribution to the determination of
methanol in aqueous solutions of formaldehyde. A.
Mervartová and J. Chytilék. Research Inst. Plastics
Gottwaldov, Czechoslovakia. Chem. Průmysl,
1955, 5 (10), 433-434. —The Viebeck-Schwappach
modification of Zetzel's method for determining
methoxy groups has been proved to be suitable
for the determination of methanol in aqueous
solutions of formaldehyde. For the determination
of solutions containing more than 20% of methanol,
the Fierz-David apparatus must be used.
J. Žyka

Chem

PMK

MARATKA, Z.; NEDBAL, J.; CHYTILOVA, D.

Disorders in the water and electrolyte balance following the surgical treatment of ulcerative colitis. Pt.1. Cas. lek. Cesk. 104 no.39:1061-1065 1 0 '65.

1. II. vnitřní oddělení nemocnice na Bulovce v Praze (vedoucí doc. dr. Z. Maratka) a Katedra klinické chemie Ústavu pro doskolování lékařů v Praze (vedoucí MUDr. K. Masek, CSc.).

CHYTILOVA, M.

Utilisation of free skin transplants in traumatic medicine. Lek. listy,
Brno 6 no.20:616-620 15 Oct 51. (CJML 21:4)

1. Of the State Institute of Plastic Surgery (Head--Docent Vaclav
Karfik, M.D.), Brno.

CHYTILOVA, M.

✓ Examination of workers with Nibren waxes. J. Jindřichová, M. Chytilová, A. Kučera, and M. Pantáček (Ústav
prac. lékařství, Hradec Králové, Czech.). *Pracovní Lékařství* 4, 350-7 (1952).—Nibren waxes, the chief constituents
of which are chlorinated naphthalenes, raise the fragility of
blood vessels and change the red blood count, photosensibil-
ity, and appearance of porphyrin in the urine of workers.
L. J. Urbánek

Chytilova, M.

Excerpta Medica sec 16 3/3 Mar 55 Cancer

1132. CHYTILOVA M. Odd. pro plastickou Chir., Kunz, Brno. Léčení hemangiomů
The treatment of haemangiomas Lék. Listy 1954, 9/7 (145-149) Illus. 2
Haemangiomas are divided into simple, naevus and cavernoma groups. The question of their origin is discussed and the possibility of embryonal vessel formation changes is emphasized. Conservative treatment by sclerosing injections, carbon dioxide freezing or X-rays may be successful in infants up to 3 months of age. Later surgical extirpation, especially for cavernomas, is indicated. The preoperative X-ray therapy is not recommended, because subsequent damage to the skin may preclude the possibility of grafting.
Vlček - Prague

CHYTILOVA, M., Dr.; HLADKY, H., doc., Dr.; UCHYTIL, B., Dr.

Surgical treatment of congenital atresias of the auditory canal.
Acta chir. orthop. traum. cech. 23 no.4:205-210 July 56.

1. Z oddeleni pro plastickou chirurgii KUNZ. Brno, Prednosta doc.
Dr. V. Karfik. Z kliniky chorob usnich, nosnich a krcnich
Masarykovy University v Brne, prednosta prof. Dr. F. Ninger.
(EUSTACHIAN TUBE, abnormalities,
atresia, surg. (Cz))

CHYTILOVA, Marie; HONSA, Karel; KUSAK, Ivan

Controlled inhibition of blood supply to tubular flap in transplantation. Acta chir. orthop. traum. cech. 25 no.4:276-278 July 58.

1. Vyzkimny ustav traumatologicky v Brne, reditel prof. Dr. Vladimir Novak.
Za technicke spoluprace MUC, Vladimira Novaka a MUC Viktora Hrnčire.
M. Ch., Brno, Bayerova 2.

(TRANSPLANTATION, experimental,
controlled blood supply to tubular flap (Cz))

CHYTILOVA, M.; KEITEL, W.; UHER, J.; PENNDORF, K.

Bone cysts -- a manifestation of an auto-aggressive disease.
Acta chir. orthop. traum. Cech. 32 no.4:323-324 Ag '65.

1. Vyzkumny ustav traumatologicky, Brno; Medizinische
Akademie, Magdeburg, DDR.

KULHANEK, V.; CHYTILOVA, M.; KRACMER, M.; KUSAK, I.

Immune responses of the organism to fresh, rozen and lyophilized
homografts. Rozhl.chir. 39 no.6:388-392 Je '60.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr.
Vladimir Novak.
(SKIN TRANSPLANTATION exper.)

KULHANEK, Vaclav; CHYTILOVA, Marie

A modified method for the demonstration of anti-tissue antigens
by antigenic consumption of human anti-globulin sera. Cesk.epidem.
mikrob.imun.10 no.1:57-59 Ja '61.

1. Vyskumny ustav traumatologicky v Brne.
(IMMUNE SERUMS)
(ANTIGENS)
(SERUM GLOBULIN)

FINTAJSLOVA, O.; CHYTLOVA, M.; TOMAN, M.

Contribution to the differential diagnosis of hydrocephalus in infants.
Cesk. pediat. 16 no.5:396-397 My '61.

1. II detska klinika UJEP v Brne, prednosta akademik Otakar Teyschi
Chirurgicke oddeleni Krajske detske nemocnice v Brne, prednosta dr.
Vladimir Mazal.

(HYDROCEPHALUS diag)

CHYTILOVA, M.; PESA, K.; KULENDIK, V.; KULHANEK, V.; UHER, J.

Effect of different methods of preservation of homografts on healing of fractures. Comparison of immune indices with roentgenographic manifestations. Acta chir.orthop.traum.czech. 28 no.5:393-396 0 '61.

1. Vyzkumny ustav traumatologicky v Brno, reditel prof. MUDr. Vladimir Novak, Dr.Sc.

(FRACTURES exper) (BONE AND BONES transpl)

CHYTILOVA, M.; FINTAJSLOVA, O.

Exstrophy of the bladder with duplication of the bladder and the urethra. Acta chir. plast. 4 no.3:250-254 '62.

1. Second Paediatric Clinic, Brno (Czechoslovakia) Director: Academician Otakar Teyשל.

(BLADDER DISEASES) (URETHRA)

CHYTILOVA, M.; RÖDING, H.

A contribution on the technique of taking large free skin grafts. Acta chir. plast. (Praha) 6 no.4:321-322 '64.

1. Department of Surgery, Academy of Medicine, Magdeburg (GDR) (Director: Prof. W. Lemboke, M. D.).

CHYTILOVA, M.; UHER, J.; KULHANEK, V.

The effect of experimental immunization with autologous callus
on the healing of fractures. Rozhl. chir. 44 no.4:260-263
Ap'65.

1. Vyzkumny ustav tramatologicky v Brne (reditel: prof. dr.
V. Novak, DrSc.).

CHYTILOVA, V. ; CALABEK, J. ; NOVAK, J.

"Contributions to the study of the growth and motion of plants." p. 217.

PRACE. Ceskoslovenska akademie ved. Brnenska zakladna. Brno, Czechoslovakia, Vol. 31,
no. 4, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

CHYTIL, M.; CHYTILOVA-HAVELKOVA, D.

Changes of protein metabolism in acute renal failure. Acta univ. carol. [med.] Suppl. 14:137-139 '61.

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. Fr. Herles Ustav pro doskolovani lekaru v Praze, reditel prof. dr. R. Knobloch.
(PROTEINS metab) (ACUTE RENAL FAILURE metab)

CHYTKA, B.

CZECH

Industrial poisoning with trichloroethylene. E. Bock, O. Šabáněk, V. Bocková, O. Dostál, and B. Chytka (Masaryk Univ., Brno, Czech.). *Pracovní Lékařství* 7:12-17 (1955).—Results of examn. of 65 cases are reported and summarized. The most frequent symptoms were disorders of the vegetative innervation, toxicomania, insomnia, disorders in the pyramidal nervous system, neurasthenic syndrome, and disorders of affectivity. L. J. Urbánek

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CHYTA, V.

Materials for cold-working. P. 87.
STROJIRENSKA VYROBA, Praha, Vol. 3, no. 3, Mar. 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

CHYTKA, V.

Machines for cold-pressing of metals. p. 287.
STROJIRENSKA VYROBA, Prague, Vol. 3, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

POLAND

SUPNIEWSKI, J., SUPNIEWSKA, A., and CHYKOWSKI, A.. Pharmacology Research Office (Zaklad Farmakologii), PAN [Polska Akademia Nauk, Polish Academy of Sciences] in Krakow.

"(2-Chloroethyl) trimethylammonium Chloride."

Warsaw. Bulletin de L'Academie Polonaise des Sciences. Serie des Sciences Biologiques, Vol 10, No 9, 62, pp 393-394.

Abstract: [English article, authors' Russian summary modified] Authors review the literature concerning the substance in the title (preparation CCC) and submit two methods for its synthesis, which are easier than heretofore reported. All 18 references are from the West bloc countries.

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25a

CHYTLOVA, Marie

Elephantiasis of the lower limbs in childhood. Cesk. pediat. 16
no.6:502-508 Je '61.

1. Chirurg. oddeleni krajske detske nemocnice v Brne, prim. MUDr.
V. Mazal.

(LYMPHEDEMA in infancy & childhood)
LEG dis)

CHYTRA, F.

New Trends in Fish Culture." p. 115 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 10,
Oct. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

CHYTRA, F.

"Effect of the environment and economic interference on the commercial types and commercial qualities of fish."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassifies.

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR, Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.; KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBlich, Jan; CERNY, Ladislav, Dr.; DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; FOLTYN, Jiri; VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir; STUCHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

Statements of directors of institutes, and of managers of workplaces of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 8 no.8/9:496-531 '61.

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved (for Stejskal, Plesnik, Hruska, Svoboda, Najmr, Preininger, Hauner, Benda, Krajcovic, Krblich, Dvoracek, Foltyn, Vyskot, Kosil) 2. Clen redakcni rady Vestniku Ceskoslovenske akademie zemedelskych ved (for Plesnik, Preininger, Foltyn, Vyskot) 3. Reditel Vyzkumneho ustavu zivocisne vyroby Ceskoslovenske akademie zemedelskych ved v Uhrinevsi (for Dvoracek) 4. Reditel Ustavu pro vedeckou soustavu hospodareni Ceskoslovenske akademie zemedelskych ved v Praze (for Benda)

(Czechoslovakia—Agriculture)

CHYTRÁČEK, J.

1058. An instrument for the measurement of magnetic quantities (ferroscope). J. CHYTRÁČEK. *Slaboproudý Obzor*, 15, No. 8, 387. 1964. 1 p. Czech.

A signal derived from a small resistance in series with the primary winding of the magnetic sample is amplified and applied to the horizontal deflecting plates of a c.r.t. Voltage from the secondary winding is integrated and, after amplification, fed to the vertical deflecting plates. The measurement method is analysed, it being shown that the errors will be kept small if (1) the source of magnetizing current has a low output impedance and low harmonic content; (2) resistance in series with the primary is small; (3) input resistance of the integrating circuit is high, and (4) the amplifiers have a bandwidth extending from 1 c/s to 1.0 Mc/s. Design of the amplifiers having a gain of 10⁴ is described in detail, their frequency response and circuit diagrams being given. The instrument includes a calibration unit, which applies a known voltage to the inputs of the amplifiers. Hysteresis loops of the magnetic samples can be displayed at frequencies ranging from 50 c/s to 5.0 kc/s.

R. S. SUDOROWICZ

Chytráček, J.

611.316.722.9
5110. Magnetic voltage stabilizers. J. Chytráček.
Slaboproudý Obzor, 16, No. 6, 320-3 (1973) in Czech.

EE
Gives a brief review of several stabilizing systems (one-core and two-core stabilizers, Hedell-Kuhn system and Westinghouse stabilizer) and analyzes the ferroresonant stabilizer in detail. The device considered consists of an unsaturated reactor in series with a saturated choke, the latter being paralleled by a condenser. Stabilization conditions with full load, no load and reactive load are derived and the effect of frequency changes on the performance of the device is investigated. Operation of the stabilizer is explained by means of its working characteristics. Some more complicated ferroresonant stabilizers are mentioned. It is concluded that ferroresonant devices are capable of achieving a stabilization of $\pm 1\%$ at full load, for input voltage changes of $\pm 20\%$.

R. S. SIDOROWICZ

S/282/63/000/002/004/005
A059/A126

AUTHORS: Chytráček, Jaroslav, Šlechta, Jiří

TITLE: Apparatus for measuring the refrigerating effect

PERIODICAL: Referativnyy zhurnal, ot del'nyy vypusk, 47. Khimicheskoye i kholodil'noye mashinostroyeniye, no. 2, 1963, 49, abstract 2.47.274 P (Czech. pat., cl. 17a, 4/03, no. 99874, June 15, 1961)

TEXT: A device for the determination of the efficiency of refrigerators and of the automatic control of their operation is suggested. The block diagram of the apparatus consists of analog elements incorporating potentiometers, sensing elements and constant resistances assembled to cascades the individual steps of which are separated from each other by cathode repeaters. The cascades measure with the aid of appropriate sensing elements the consumption, temperature, and pressure of the coolant before and after evaporation. The performance of the refrigerators is automatically calculated in the block diagram, and is indicated or recorded with the corresponding device. The operation of the apparatus was based on the mathematical dependence: $Q = G(i_2 - i_1)$, where Q is the

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Apparatus for measuring the refrigerating effect

S/282/63/000/002/004/005
A059/A126

performance of the refrigerator, G the consumption of the coolant, i_1 and i_2 are the enthalpies corresponding to the coolant before and after the evaporator, respectively, at the temperatures t_1 and t_2 and the pressures P_1 and P_2 . There is 1 figure.

P. Polokhin

[Abstracter's note: Complete translation]

Card 2/2

CZECHOSLOVAKIA

SERY, V; JEZEK, Z; SVANDOVA, E; FUCHSOVA, M; GALLIOVA, J; CHYTROVA, K.

1. Institute of Epidemiology and Microbiology (~~Ustav~~ (Ustav epidemiologie a mikrobiologie), Prague; 2. Tuberculosis Ward OUNZ (Tuberkulozni oddeleni OUNZ), Litomerici; 3. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague (for all)

Prague, Rozhledy v tuberkuloze, no 5, 1963, pp 324-332

"The Utilization of the Tuberculosis Test for Studies on the Incidence of Mycobacterium bovis."

CHYTRY, Vladimir; HORENI, Alena; DOLEZEL, Bretislav

Microscopic examination of the electrolyte penetration in epoxy and polyester resins. Chem prum 13 no.3:145-167 Mr '63.

1. Statni vyzkumny ustav ochrany materialu G.V. Akimova, Praha.

CHYTRY, Vladimir

Microscopic examination of electrolyte diffusion into polyamides. Chem prum 12 no.3:161-164, Mr '62.

1. Statni vyzkumny ustav ochrany materialu, Praha.

CHYTRY, Vladimir

Diffusion of organic liquids into crystalline polyolefins. Chem
prum 14 no.11:594-597 N '64.

1. State Research Institute of Material Protection, Prague.
Present workplace: Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague.

KRYUKYALIS, B. [Kriukelis, B.]; CHYURAS, A. [Ciuras, A.]; LUR'YE, U., red.;
LUKOSHEVICHYUS, St. [Lukosevicius, St.], tekhn. red.

[Production of forage on collective and state farms of the
Lithuania S.S.R.] Proizvodstvo kormov v kolkhozakh i sovkh-
zakh Litovskoi SSR. Vil'nius, Gos. izd-vo polit. i nauchnoi lit-ry,
1960. 34 p. (MIRA 14:12)

(Lithuania--Forage)

CHYURLIONITE, Ya.

"Stilisticheskiye osobennosti traditsionnoy litovskoy narodnoy melodiki."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

CHYURLIS, T. K., Cand Biol Sci -- (diss) "Effect of feeding factors on the activity of cellusolytic microflora in the rumen of large cattle." Vil'nyus, 1960. 20 pp; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ im Kapsukas); 250 copies; price not given; (KL, 28-60, 159)

CHYMYLOVA, B.; SHERSTOBITOV, V.P., red.; BUTENKO, N.P., red.izd-va;
ANOKHINA, M.G., tekhn.red.

[Workers of Kirghizistan in the struggle to fulfill the second
five-year plan for industry and transportation, 1933-1937]
Trudiashchiesia Kirgizii v bor'be za vypolnenie vtoroi piati-
letki v oblasti promyshlennosti i transporta, 1933-1937. Frunze,
Izd-vo Akad.nauk Kirgizskoi SSR, 1959. 56 p. (MIRA 13:7)
(Kirghizistan--Industries)
(Kirghizistan--Transportation)

L 14632-66

ACC NR: AP6008154

SOURCE CODE: PO/0046/65/010/007/0411/0419

AUTHOR: Dorabialska, Alicja--Dorabyal'ska, A.; Chyzewski, Adam--Khyzhevski, A. ³⁵_B

ORG: Faculty of Physical Chemistry, Lodz Polytechnic, Lodz (Katedra Chemii Fizycznej, Politechnika Lodzka)

TITLE: Radiometric measurements of the diffusion rate of ferric ions in solutions

SOURCE: Nukleonika, v. 10, no. 7, 1965, 411-419

TOPIC TAGS: radioisotope, iron compound, fluid diffusion, ion concentration, radiation chemistry, radiometer

ABSTRACT: An apparatus consisting of two glass chambers connected by means of a sintered glass plate was devised. In one of the chambers acidified solutions of FeCl_3 labeled with ^{59}Fe was introduced, in the other one the dilute solution of hydrochloric acid was placed. Aliquots of solutions from both chambers were taken in the course of an experiment. Logarithms of concentrations versus time gave the straight lines. From the slopes of these lines some conclusions regarding forms of ferric ions were drawn. Solutions of FeCl_3 at concentrations from 0.06 to 0.3 m

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L 14632-66
ACC NR: AP6008154

and for pH values from 1.0 to 3.85 were studied. Orig. art. has: 6 figures,
1 formula, and 2 tables. NA 0

SUB CODE: 07, 18 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006 / SOV REF: 003

Card 2/2 *bc*

CHYZEWSKI, Eugeniusz.

Chemia fizyczna procesow garbarskich. Warszawa, Panstwowe Wydawn. Techniczne.
(Physical chemistry of tanning processes. illus., bibl.)
Vol. 1. Wet processing workshop 1950. 348 p.
Vol. 2-3 Tanning proper
Finishing 1952

SO: Monthly list of East European Accessions List, (EEAL), LC, Vol. 4, No. 11
Nov. 1955, Uncl.

CHYZEWSKI, E.

Polish Technical Abst.

No. 1 1954

Textile, Leather and Paper
Industries

2702

(1)

675.03 : 533.15

Chyzewski E. The More Important Physical Properties of Leather (II).
Najważniejsze własności fizyczne skóry gotowej". (II). Przegląd Skó-
rniczy. No. 2, 1953, pp. 44—47, 1 tab.

The mechanism of air penetration in leathers. Air permeability as
a function of the porosity of leathers. Systems for determining water
vapor penetration in leathers. The mechanism of water vapor penetra-
tion and its correlation to the porosity of leathers. Permeability of shoe
leather to water vapor facilitates the passage of perspiration.

CHYZEWSKI, E.

2878

675.021.4 : 516.131-2

Chyżewski E., Kamińska J. Electrolytic Method of Determining the Chloride Content in Chrome-Tanned Leathers.

„Elektrolityczna metoda oznaczania zawartości chlorków w skórach garbowania chromowego”. Przegląd Skórzany, No. 8, 1953, (Biol. IPS pp. 12), No. 12, 1953, (Biol. IPS pp. 13—14), 1 fig., 3 tabs.

The Vohlhard method, hitherto in use, for determining the chloride content is, in so far as small quantities of it are contained in leather (say, for instance, less than 0.01 per cent sodium chloride) inaccurate. The authors have, therefore, decided on the electrolytic method of determining the chlorine content in leather. This method consists in mineralising a leather sample of, say, 40 grammes, in concentrated nitric acid in which has been solved a certain quantity of silver nitrate. This results in the formation of a silver chloride precipitate which, after being filtered off, is dissolved in sodium chloride, and, finally, in the electrolytic precipitation, from a cyanide solution, of silver. It is possible to determine, from the quantity of silver precipitated, the actual chloride content. The method under reference has been found to be fully suitable for practical purposes, and the accuracy obtainable is at a 0.01 per cent sodium chloride content in the leather, within from 5 to 7 per cent of relative error. The relative error amounts, in the case of a higher sodium chloride content, say, 0.1 per cent, to from 2 to 3 per cent.

CHYZEWSKI, E.; KAMINSKA, I.

Electrolytic method of indicating the chlorite content of chrome-tanned. Biuletyn
Przem. p. 12. (PRZEGLAD SKORZANY, Lodz, Vol.8, no. 8, Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955,
Uncl.

CHYZEWSKI, E.

How to replace the lead in vats used to reduce bichromates, p. 213. (PRZEGLAD SKORZANY, Lodz, Vol. 8, no. 8, Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

CHYZEWSKI, E.

Influence of alkalization, greasing and mechanical finishing on properties of leather shoe uppers, p. 9. (PRZEGLAD SKORZANY, Lodz, Vol. 9, no. 1, Jan. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

AUTHOR: Chyzhenko, I.M.

102-53-1-6/12

TITLE: ~~Voltage Control~~ Plus Reactive Power Compensation in a
Two-bridge Rectifier (Regulyuvannya naprugi v tryfaznomu
dvomostovomu peretvoryuvachi elektrychnogo strumu pr
odnochasnyi kompensatsii reaktivnoi potuzhnosti)

PERIODICAL: Avtomatika (Kiyev), 1958, Nr 1, pp 56 - 69 (Ukrainian SSR)

ABSTRACT: A two-bridge, three-phase, grid-controlled mercury rectifier system is considered, in which additional reactive power is generated to maintain the power factor almost constant when the output voltage is varied from full output to zero. The output variation is, of course, effected by grid control; unlike some earlier systems, control can be fully automatic and therefore virtually free from lag; the power factor is high. Cross-coupling capacitors to the grids of the phases, which draw very little power, ensure that the points at which the various rectifiers strike vary with DC output voltage in such a way that the reactive power is, to a first order of approximation, always balanced out; over-compensation can also be effected, if required, by suitable choice of the capacitances. The rectifiers are caused to conduct by positive pulses applied to the control grids via the cross-coupling

Card 1/2 capacitors; a special feature of the circuit is that (on the

Voltage Control Plus Reactive Power Compensation in a Two-bridge Rectifier 102-58-1-6/12

AC side) all harmonics are purely reactive. The theory of the circuit operation, assuming ideal behaviour in the rectifiers, is considered, and it is shown that the capacitors must be of reasonable size in order to avoid excessive voltage overshoots arising from the self-inductances of the transformer windings. This argument is illustrated by detailed reference to the waveforms. The circuit regulation, power factor and conversion efficiency are finally considered and the power factor is shown to be almost constant. The figures and equations, with certain minor exceptions, are in international notation and the meanings of such few symbols that are not self-evident. There are 5 figures and 3 Soviet references.

ASSOCIATION: Kyivs'kyy ordena Lenina politekhnichnyy instytut
(Kiev Order of Lenin Polytechnical Institute)

SUBMITTED: May 8, 1957
Card 2/2

Chyzyhelskaya, I.

✓ Investigation of the chemical composition of the membrane of winter zoosporangia of *Synchytrium endobioticum*.
I. Chyzyhelskaya. *Vestsi Akad. Navuk Belarus. S.S.R.*, Ser. Biol. *navuk* 1956, No. 1, 79-85. --Microscopic and chem. investigations of the membrane of winter zoosporangia of *S. endobioticum*, which causes wart of potatoes, revealed that the membrane consists of 3 layers of different compns. The 2 outer layers consist mainly of cellulose with some lignin and lipides. The main constituent of the inner layer is chitin. A qual. procedure is given for cellulose, lipides, and chitin in small samples. E. Wistlicki

~~CHYZHEVSKAYA, I.I.~~; IDEL'CHYK, Z.B.; YAKIMOVICH, L.A. SHADURSKI, K.S.

Synthesis and pharmacological properties of 1-phenoxy-2-propanol
amino derivatives. Vestsi AN BSSR. Ser. fiz.-tekh.nav. no.2:115-127
'57. (MIRA 11:1)

(Propanol) (Amines)

KADLUBOWSKI, R.; KOSMATKA, S.; CHYZINSKA, U.

The effect of anthelmintics on succinic dehydrogenase activity of *Fasciola hepatica* L. in vitro. *Wiadomosci parazyt.* 7 no.2:351-353 '61.

1. Katedra Biologii i Parazytologii Lekarskiej Akademii Medycznej, Lodz.

(SUCCINIC DEHYDROGENASE pharmacol)
(FASCIOLA HEPATICA pharmacol)
(ANTHELMINTICS pharmacol)

RUTKOWSKI, Jerzy; CZEKWIANSKI, Mikolaj; JAKUBOWICZ, Dorota; CHYZO-MACHNIK,
Krystyna.

Prevention of shock during surgery with local anesthesia by pen-
diomide. Polski przegl.chir. 27 no.7:629-630 July '55.

(AUTONOMIC DRUGS, therapeutic use

pendiomide in prev. of shock in surg.with local anesth.)

(SHOCK, prevention and control

pendiomide in surg. with local anesth.)

CHYZOWSKI, B.

Tanning of skin as physicochemical problem; B. Chyzowski. *Procyd Chem.* 9, 145-6 (1968) (English summary). The physicochemical principles of tanning with HCHO, basic Cr salts, and vegetable tanning agents are underlined. Gene A. Vornay.

S/194/62/000/012/082/101
D413/D308

AUTHORS: Chyżyński, Krzysztof and Krzywiński, Albin

TITLE: A television signal generator

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1962, 40, abstract 12-7-79 k (Pol. pat., cl.
21a¹, 35/21, no. 44355, Oct. 10, 1961)

TEXT: The patent covers a generator of TV signals for the repair and tuning of television sets. The generator develops a complete TV signal of positive and negative polarity, an RF signal in the band 49 - 75 and 175 - 225 Mc/s modulated by vision and sound signals, and also voltages at frequencies of 100 c/s and 6.5 (5.5) Mc/s. For the picture one may use vertical or horizontal bars, or a lattice. Independent supply of vision and sound signals is possible. Features of the generator are the use of a ganged variable capacitor and an adjustable potentiometer divider allowing one to continuously vary the amplitude of the RF voltage, potentiometers for adjusting the voltage of the complete TV signal, quartz crystal

Card 1/2

A television signal generator

S/194/62/000/012/082/101
D413/D308

stabilization of the 6.5 (5.5) Mc/s frequency, and band switches designed so that turning the tuning knob through 180° actuates a cam fitted on the variable capacitor shaft and automatically switches over the contacts. / Abstracter's note: Complete translation. ✓

Card 2/2

KABACHNIK, M.I.; GILYAROV, V.A.; CHZHAN CHZHEN-DE

Trialkyl-N-acylimidophosphates as conjugated systems. Izv. AN
SSSR..Ser. khim. no.4:665-669 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

CHZHAO, Aleksandr Yevgen'yevich; SHABANOVA, V.Ye., redaktor; KHOVANSKIY, I.P.,
tekhnicheskiy redaktor

[Let us beautify our country with orchards; a bibliography] Ukrasim
rodinu sadami; rekomendatel'nyi ukazatel' literatury. Moskva, Gos.
biblioteka SSSR im. V.I.Lenina, 1956. 27 p. (MLRA 9:11)
(Bibliography--Fruit culture)

FOMINA, Yelena Nikitichna; VADIKOVSKAYA, L.M.; KIRILLOV, G.N.; ~~CHZHAO~~
A.Ye.; VASIL'YEVA, L.P., tekhn.red.

[For an abundance of agricultural products; survey of literature]
Za obilie produktov sel'skogo khoziaistva; obzory literatury.
Moskva, M-vo kul'tury RSFSR, 1959. 68 p. (MIRA 12:9)

1. Moscow, Publichnaya biblioteka.
(Bibliography--Agriculture)

VADIKOVSKAYA, I.M.; VOINOV, M.S.; KIRILLOV, G.N.; KOZLOVA, M.M.;
CHZHAO, A.Ye.; SADOV'YEV, A.P., red.; VASIL'YEVA, L.P.,
tekh.n.red.

[Animal husbandry; a recommended list of literature]
Zhivotnovodstvo; rekomendatel'nyi ukazatel' literatury.
Moskva, 1959. 241 p. (MIRA 12:9)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Stock and stockbreeding)

KAPLAN, S.Ye.; CHZHAO, A.Ye.; KOZLOVA, M.M., red.; ZHURAVLEV, A.S.,
tekhn.red.

[Farm mechanization and electrification; recommended literature]
Mekhanizatsiia i elektrifikatsiia sel'skogo khoziaistva; reko-
mendatel'nyi ukazatel' literatury. Moskva, 1960. 112 p.
(MIRA 14:2)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Farm mechanization)
(Bibliography--Electricity in agriculture)

VADIKOVSKAYA, L.M.; KIRILLOV, G.N.; KOZLOVA, M.M.; CHZHAO, A.Ye.;
TYUTCHEVA, F.M., red.; TSVETAYEVA, Ye.M., red.; POLESITSKAYA,
S.M., tekhn.red.

[Plant growing; recommended literature] Rasteniyevodstvo;
rekomendatel'nyi ukazatel' literatury. Moskva, M-vo kul'tury
RSFSR, 1960. 245 p. (MIRA 13:10)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Agriculture)

BUYKO, Iya Dmitriyevna; CHZHAO, Aleksandr Yevgen'yevich; CHERNYAK, A.Ya.,
red.; VASIL'YEVA, L.P., tekhn. red.

[New machinery and equipment in agriculture; recommended literature] Novaia tekhnika v sel'skom khoziaistve; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1961. 38 p. (Novosti nauki i tekhniki, no.26) (MIRA 14:8)
(Bibliography—Farm mechanization)

CH ZHEN, O.

USSR/Medicine - Physiology

Card 1/1 Pub. 22 - 60/63

Authors : Chzhen, O.

Title : Retardation of cell fission processes in the cornea epithelium of rats under the effect of conditional stimuli

Periodical : Dok. AN SSSR 99/6, 1111-1114, Dec 21, 1954

Abstract : Experiments were conducted to determine the effect of light and sound on the retardation of cell fission in cornea epithelia of rats. It was established that after continuous irritation, by either light or sound, the animals acquire a certain immunity against the effects of the stimuli thus no change in the mitotic activity could be observed. Ten references: 9-USSR and 1-USA (1944-1954). Tables.

Institution: The I.P. Pavlov First Medical Institute, Leningrad

Presented by: Academician N.N. Anichkov, July 23, 1954

CHZHEN, O.

Chzhen, O.

"Reactive Changes in the Process of Cellular Fission in Various Tissues of Rats under the Influence of Conditioned and Unconditioned Stimuli."
First Leningrad Medical Inst imeni Academician I. P. Pavlov. Chair of Histology and Embryology. Leningrad, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

CIACH, Z.

POL

3281

021.775.7.002.1

Clinch Z. Prospects of Obtaining New Varieties of Constructional Materials

"Możliwości otrzymania nowych materiałów konstrukcyjnych". (Prace Inst. Mechan. No. 5), Warszawa, 1952, PWT, 8 pp., 15 figs.

The author describes his research over the filling, with a super-eutectic tin and lead alloy, of porous steel specimens, hereinafter referred to as the "skeleton". This process can, in practice, be carried out, provided certain definite conditions are complied with. These include, first and foremost, correct temperature of the filling alloy and correct period of immersion of the specimen in this alloy. No less important is the choice of the correct material for both the "skeleton" and the filling alloy. The use of tungsten-carbon carbides as a refractory material for the "skeleton" does not seem justified, since it reveals an inferior wetting faculty and impaired adhesiveness. The use, however, of light alloys for the steel skeleton is likely to produce positive results, provided it is possible satisfactorily to solve the problem of increased

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strength of the "skeleton" itself. Experiments carried out at the Metallurgical Institute over specimens made from Swedish powders and filled with an Al-Zn 13-Cu? alloy gave satisfactory results. The degree of fluidity of the filling alloy is, in this process, less important than are the binding properties. This has been substantiated by a comparison of filling the "skeleton" with tin alloys, including the tin-lead eutectic. It appears that the eutectic is, in spite of its superior liquidus, a filling alloy considerably inferior to alloys with a higher tin content. The kind and size of pores in the skeleton play an equally important role. Narrow and continuous pores facilitate and largely accelerate the process.

2/2

Further research over certain definitely selected materials will be dealt with in future transactions of the Institute of Mechanics.

JP

CIAGAŁA Z., HELFGOT M., WOSIK R.

Metodyka technicznego normowania pracy (Methods of technical work norming.)
By Z. Ciagała, M. Helfgot, and R. Wosik. Reported in New Books (Nowe Książki.)
February 15, 1956. No. 4.

OPREA, C. V., prof.; CIAGLIC, I.; POP, Em.

Soil improvement zoning of the region of Banat, and its effect on farm produce. Studii agr Timisoara 8 no.3/4:171-178. J1-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (for Oprea).

GIAGLIC, V.; MIRON, I.; MUNTEANU, D.

Hydrologic and biological problems in connection with the
accumulation lake at Izvor Muntelui, Bicaș, Rumania.
Natura Geografie 14 no.6:48-53 N-D '62.

1. Statiunea de cercetari geografice si biologice
Stejaru, Pingarati.

CI4GLIC, Valerian

Observations on the freezing of the reservoir Izvorul Muntelui,
Bicaz, during the winter 1961/62. Anal St Jassy II 10:193-197
'64.

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